

Accident / Incident Report Closed



Unit/Department	Process Area	Site	Report Number
North Operations-Elyria		ELYRIA	0084-NOPS-14-0067
Report Date	Incident Date	Incident Time	Copied From
05/09/2014	05/09/2014	08:30 PM	
Incident Location	Team Leader / Supervisor	Reported By	
North end Old Wyssmont area	Raymond A Navarro	William Otero	
Title of Event (Limit to 90 characters)	Category	Division / Bus. Group / Subgroup Code	
Bent and Twisted shaft on rotolock - Wyssmont	<input type="checkbox"/> Safety & Health <input type="checkbox"/> Environmental	CC / G-CCP	
Incident Classification			
<input type="checkbox"/> Near Miss <input type="checkbox"/> Process Safety <input type="checkbox"/> Injury / Illness <input type="checkbox"/> Spill / Release <input type="checkbox"/> Permit / Regulatory Deviation <input type="checkbox"/> Fire <input type="checkbox"/> Odor Complaint <input checked="" type="checkbox"/> Property Loss <input type="checkbox"/> Citation / NOV <input type="checkbox"/> Health Exposure <input type="checkbox"/> Inspection <input type="checkbox"/> Major Incident <input type="checkbox"/> Non-Occupational <input type="checkbox"/> RMP <input type="checkbox"/> Contractor <input type="checkbox"/> Contractor Injury / Illness <input type="checkbox"/> Contract Injury / Illness <input type="checkbox"/> PSM <input checked="" type="checkbox"/> Plant Upset <input type="checkbox"/> EHS Management System Failure <input type="checkbox"/> Other			
Describe Event / What Happened			
<p>Shortly after 8:45 pm, William Otero called me to report that there had been a mechanical failure on a RotoLock drive shaft located at the Old Wyssmont on the north end operations. GL on duty climbed the ladders and discovered that the shaft that protrudes from the RotoLock was not only bent but also appeared twisted - see pictures.</p>			
Immediate Corrective Action or Response			
<p>Advised North end operations (Tom Copa and Chuck Evans via text and pictures). Wrote work notification to have shaft repaired / replaced (934137033).</p>			
Immediate Cause			
Under Investigation.			
Cause Narrative			
<p>A contractor working in the area misplaced a ratchet that subsequently fell into the hopper then became lodged in the rotary air valve.</p>			
Contributing Causes		Root/Primary Causes	
Contractor failed to secure the tools being used in the area during an unrelated repair.		208 - Personal Performance	208 - Personal Performance
Corrective actions from prior AIM was not yet implemented. Overloads were determined to be oversized but were not yet replaced.		55 - Administrative/Management Systems	78 - Problem Identification/Control
			84 - Corrective Actions Not Yet Implemented
Explanation of Root Causes			
<p>208/208/208 - Contractor realized that a tool came up missing but did not communicate this or raise the concern. This was verified with the contractor supervisor who verified this with his employee and discussed with him the incident.</p>			
<p>55/78/84 - Electrical overloads should have kicked out the motor before causing any damage. This was identified in a previous AIM with an Action Item. After the 2nd incident, the maintenance supervisor was asked if the electrical protection devices were reviewed - the answer was yes, they would have checked that when they replaced the valve. After the 3rd incident, an electrician looked at the electrical and lowered the fuse size from 10amps to 2amps. The heaters were previously downsized but the fuses were not touched.</p>			
Any known or potential off-site impacts?	No	PSM Incident?	No
Investigation Team	Mark Goodman; Jack Pettry; Charles Evans; Abdallah Ahmed		
		Estimated Cost:	2,000.00 USD

Item	Corrective Action(s) to prevent recurrence	Responsible Person	Target Date	Final Closed Date	VC Req	VE Req
1	Review with contractors and maintenance staff in monthly safety meetings and 5 minute safety talks; the importance of being aware of equipment running in departments while performing repairs or maintenance.	Stefan J Niewiadomski/BASF-CATALYSTS/BASF	08/30/2014	09/30/2014	N	N

Approved By:	
Manager / Dept. Head	Abdallah Ahmed 06/02/2014 02:10 PM
EHS Unit Coordinator	Jason M Therrien 06/02/2014 01:29 PM
Confidential	





